

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for identifying network traffic comprising:

receiving pattern matching data;

comparing the pattern matching data with a pattern; and

determining whether the pattern matching data matches the pattern;

assigning a first score to a first match if the pattern matching data matches the pattern;

comparing the pattern matching data with a second pattern; and

assigning a second score to a second match if the pattern matching data matches a second pattern.
2. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern matching data includes application data.
3. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the pattern matching data matches the pattern, further including determining a property associated with the network traffic.
4. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the pattern matching data matches the pattern, further including determining a property associated with the network traffic; wherein the property is an application protocol.
5. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the data matches the pattern, further including determining a property associated with the data and assigning a score for the property.

6. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the data matches the pattern, further including determining a property associated with the data; and applying a policy based on the property.
7. (Original) A method for identifying network traffic as recited in Claim 1, further comprising assigning a score to a match if the pattern matching data matches the pattern.
8. (Cancelled)
9. (Currently Amended) A method for identifying network traffic as recited in Claim ~~[[8]]~~ 1, further comprising determining a property associated with the traffic by comparing the first score and the second score.
10. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern matching data includes a string selected from a packet.
11. (Original) A method for identifying network traffic as recited in Claim 1, wherein pattern matching data includes concatenated application data of a plurality of packets.
12. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes a regular expression.
13. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes application protocol information.
14. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes commonly used port information.
15. (Original) A method for identifying network traffic as recited in Claim 1, in the event the data does not match the pattern, further comprising returning a failure indicator.
16. (Original) A method for identifying network traffic as recited in Claim 1, wherein determining whether the pattern matching data matches the pattern occurs at the beginning of session.

17. (Original) A method for identifying network traffic as recited in Claim 1, wherein comparing the pattern matching data with a pattern is performed for each received data.

18. (Currently Amended) A method for identifying network traffic ~~as recited in Claim 1~~, further comprising:

receiving pattern matching data;

comparing the pattern matching data with a pattern;

determining whether the pattern matching data matches the pattern; and

comparing a second pattern matching data with a second pattern, wherein comparing the second pattern matching data occurs substantially concurrently with the comparing of pattern matching data with the pattern.

19. (Cancelled)

20. (Currently Amended) A system for identifying network traffic comprising:

an interface configured to receive pattern matching data;

a processor configured to:

compare the pattern matching data with a pattern; and

determine whether the pattern matching data matches the pattern;

assign a first score to a first match if the pattern matching data matches the pattern;

compare the pattern matching data with a second pattern; and

assign a second score to a second match if the pattern matching data matches a second pattern.

21. (Currently Amended) A computer program product for identifying network traffic, the computer program product being embodied in a computer readable medium and comprising computer instructions for:

receiving pattern matching data;
comparing the pattern matching data with a pattern; and
determining whether the pattern matching data matches the pattern;
assigning a first score to a first match if the pattern matching data matches
the pattern;
comparing the pattern matching data with a second pattern; and
assigning a second score to a second match if the pattern matching data
matches a second pattern.

22. (Cancelled)